

Sanofi Bio Industries
5661 Branch Road
Wapato, Washington 98951
Contact: Mark Meyer, Plant Manager
No. of Wells: 3 5D4 1 Inactive, 2 Active
2 5W32 Active
(509)877-6111
Inspectors: Craig Paulsen (EPA Region X)
Russ Baker (Metcalf & Eddy, Inc.)
Date of Inspection: 5/3/91

Sanofi Bio Industries is a fruit juice concentrate manufacturing facility that has been in operation since the 1940's. The plant employs approximately 60 people who work on stagger shifts, 24 hours a day. During the 1960's, the plant excavated three, approximately 1/2 acre evaporation ponds which are used to contain the facility's waste water. These fluids come into contact with cleaning and food product compounds, i.e. small amounts of chlorine and sodium hydroxide. These unlined evaporation ponds could be classified as 5D4 injection wells for the reason that they receive the facility's waste water.

Fluids from the ponds are pumped out through an irrigation line and dispersed on a nearby grape orchard.

Mr. Meyer noted that the plant is currently working with the State of Washington and the Department of ~~Energy~~ *Ecology* on improving the evaporation ponds.

During the Reconnaissance Level inspection, Mr. Meyer, the plant manger, noted that the facility currently does not receive service from the municipal sewer system. As a result, the plant operates three septic tanks, two of which can be classified as 5W32 injection wells. These injection wells receive sanitary wastes from the plant's employee rest rooms.

RECOMMENDATIONS:

It is in the opinion of Metcalf & Eddy, Inc. that the UIC program conduct follow-up inspections to monitor the progress of the evaporation ponds.

Draft

INSPECTION REPORT LIST OF ATTACHMENTS

	Status
Inspection Summary	X
Notice of Inspection	NA
Inspection Report for UICDB Data Entry	X
Inspector's Interview Notes	X
Manifests:	NA
MSDS	
Other:	
Map of Facility	X
Photos:	
Wells	X
Sample Points	
Facility Grounds	
Other: 5D4 Questionnaires	X
5W32 Questionnaires	X

NOTE:

X = Attached

A = Available but not attached

NA = Not available (i.e. not photos taken, no notes taken)

METCALF AND EDDY, INC

**USEPA REGION X
UNDERGROUND INJECTION CONTROL PROGRAM
RECONNAISSANCE LEVEL FIELD INSPECTION REPORT**

FACILITY INFORMATION

Inventory/Permit ID: _____ Other ID No.: _____
Facility Name: Sanofi Bio Industries Contact Person Mark Meyer
Title: Manager
Facility Address: (509) 877-6111 Contact's Address: _____
5661 Branch Rd. Sam
Wapato, WA 98957

INSPECTION INFORMATION

Inspection Date (M, D, Y): 05 - 03 - 91
Names and Affiliations of Field Inspector(s): Russ Baker (M&E)
Craig Paulsen (EPA Region X)

WELL CLASSIFICATION DATA:

Number <u>1</u>	Type <u>SD4</u>	*Status <u>3</u>	Years of Oper. <u>1960</u>	to <u>Present</u>
Number <u>2</u>	Type <u>SW32</u>	*Status <u>3</u>	Years of Oper. <u>1960</u>	to <u>Present</u>
Number _____	Type _____	*Status _____	Years of Oper. _____	to _____
Number _____	Type _____	*Status _____	Years of Oper. _____	to _____

*1=Proposed 2=Under Construction 3=Existing/Active 4=Temporarily Abandoned 5=Permanently Abandoned 6=Permanently Abandoned and Not Approved

Any Non-Compliance Noted? (Y/N) N (List possible violations on back)

Recommended Follow-Up Action*: RTN

*ENF=emergency Response/Enforcement SMP=Sampling PLG=Plug Well
RTN=Routine/Periodic Inspections RFII=Request for Additional Information

Photo(s) Taken? (Y/N) Y Roll No. 2 Frame Nos. 13-22

Attachments? List: SD4 and SW32 Questionnaires, EPA Form 7520.

TYPES AND NUMBERS OF CLASS V INJECTION WELLS OPERATED:

DRAINAGE WELLS

Agricultural Drainage Wells _____
Storm Water Drainage Wells _____
Improved Sinkholes _____
Industrial Drainage Wells 2 _____
Special Drainage Wells _____
(specify) _____

GEO THERMAL REINJECTION WELLS

Electric Power Reinjection Wells _____
Direct Heat Reinjection Wells _____
Heat Pump/AC Return Flow Wells _____
Aquaculture Return Flow Wells _____

DOMESTIC WASTEWATER DISPOSAL WELLS

Untreated Sewage Waste Disposal _____
Cesspools _____
Septic Systems _____
(Undifferentiated) _____
Septic Systems (Well Disposal) _____
Septic Systems _____
(Drainfield Disposal) 2 _____
Wastewater Treatment Plant _____
Effluent _____

MINERAL AND FOSSIL FUEL RELATED

Mining, Sand or Other Backfill _____
Solution Mining Wells _____
In Situ Fossil Fuel Recovery Wells _____
Spent Brine Return Flow Wells _____

OIL FIELD PRODUCTION WASTE DISPOSAL

Air Scrubber Waste Disposal _____
Water Softener Regeneration Brine _____

INDUSTRIAL/COMMERCIAL/UTILITY

Cooling Water Return Flow _____
Industrial Process Water/Waste _____
(specify) _____
Automotive Service Station Waste _____

RECHARGE WELLS

Aquifer Recharge Wells _____
Saline Water Intrusion Barrier _____
Subsidence Control Wells _____

MISCELLANEOUS

Radioactive Waste Disposal _____
Experimental Technology _____
(specify) _____
Aquifer Remediation _____
Abd. Drinking Water _____
Other _____
(specify) _____

FOLLOW-UP NECESSARY (YES/NO): Y

ANY NON-COMPLIANCE NOTED: None

PHOTOS TAKEN 10
LOG NUMBER WITH DESCRIPTION OF PHOTOS: 2

SIGNATURE OF INSPECTOR: Russ Baker

5D4 INDUSTRIAL DRAINAGE WELL QUESTIONARE

Are the storm water drainage wells utilized? if so, how many?
All storm water goes to the ponds.

~~May I inspect the storm water drainage wells?~~

Is the measured depth equivalent to the total depth of the well, or is the well backfilled with rock or gravel below the casing?

Have any leaks or spills flowed to the storm drainage wells? if so, what is the nature of the spill, how much was spilled and when?
Nature of business is such that no real hazardous materials would be used. Only occasionally hydraulic fluid were spilled on the floor, then it would go into the ponds.

Is there a spill containment or contingency plan? NO

What is done with the debris collected after cleaning/maintaining the wells? About 4 years ago, the company hired another contractor to clean the (dredge) the ponds out. The company (contractor) disposed of the wastes.

Comments: All non-contact cooling water goes into the drainage ditches. they have an NPDES Permit

Signature(s) of Inspector(s): Russ Baker

Date Questionare Completed: 5/3/91

5W32: SEPTIC SYSTEM QUESTIONNAIRE

How are the wastes disposed? Solid wastes are pumped
once a year.

Is the septic tank pumped out periodically? how often? Yes
once a year.

Who pumps it out, where does the pumping wastes go? Cliff's Septic in Yakima

Are any chemicals used to "treat" the septic tank? if so, what kind? Yes

Does the system receive the wastes other than sanitary wastes? No.

Has there been any problems with the system? if so, what kind? No.

What is the capacity of the system? 1500 gallon, 1000 gal for office

Does the system have a leachfield? if so, where does it drain? The plant's two septic systems are tied into one leach field which drains to the north.

Comments: Septic tank for office services less than
20 people.

Signature(s) of Inspector(s): Russ Baker

Date Questionare Completed: 5/3/91



POND NUMBER 1 AT SANOFI BIO INDUSTRIES,
WAPATO, WA.



POND NUMBER 3 AT SANOFI BIO INDUSTRIES,
WAPATO, WA.



WATER COLLECTION AREA FOR PROCESS FLUIDS
AND PARKING LOT DRAIN AT
SANOFI BIO INDUSTRIES, WAPATO, WA.



POND NUMBER 2 AT SANOFI BIO INDUSTRIES,
WAPATO, WA.



5W32 CLEANOUTS AT SANOFI BIO INDUSTRIES,
WAPATO, WA.



5W32 CLEANOUTS AT SANOFI BIO INDUSTRIES,
WAPATO, WA.



DRAIN IN PARKING LOT WITH OILY FLUIDS
AT SANOFI BIO INDUSTRIES,
WAPATO, WA.



DRAIN IN REAR END OF MANUFACTURING
BUILDING AT SANOFI BIO INDUSTRIES,
WAPATO, WA.